Notice of Allowability	Application No.	Applicant(s)
	10/721,478	GRAVES ET AL.
	Examiner	Art Unit
	Tu Ba Hoang	2832
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	ears on the cover sheet with the (OR REMAINS) CLOSED in this a or other appropriate communication is subjected and MPEP 1308.	correspondence address application. If not included
1. This communication is responsive to <u>amendment filed 01/2</u>	<u>24/06</u> .	
2. The allowed claim(s) is/are 21-23 and 25.		
<ol> <li>Acknowledgment is made of a claim for foreign priority ur</li> <li>a) All b) Some* c) None of the:</li> <li>1. Certified copies of the priority documents have</li> <li>2. Certified copies of the priority documents have</li> <li>3. Copies of the certified copies of the priority documents have</li> <li>International Bureau (PCT Rule 17.2(a)).</li> </ol> * Certified copies not received:	been received.  been received in Application No.	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	IENT of this application.	
<ol> <li>A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give</li> </ol>	itted. Note the attached EXAMINE es reason(s) why the oath or decla	ER'S AMENDMENT or NOTICE OF aration is deficient.
5. CORRECTED DRAWINGS ( as "replacement sheets") mus	et be submitted.	
(a) including changes required by the Notice of Draftspers		O-948) attached
1) hereto or 2) to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the	e Office action of
Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on the drawn he header according to 37 CFR 1.12	wings in the front (not the back) of 21(d).
DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT I	sit of BIOLOGICAL MATERIAL FOR THE DEPOSIT OF BIOLOGI	_ must be submitted. Note the ICAL MATERIAL.
Attachment(s)  1. ☑ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date  4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Summa Paper No./Mail D 8),	Date

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## **EXAMINER'S AMENDMENT**

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An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Cancel claims 1-20 and 24.

The cancellation of the claim has been made to put the case ready to issue since claims 1-20 and 24 directed to the invention/species non-elected without traverse noted in paper dated 06/20/05.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Fouts, Jr. et al (US 4,545,926).

The following is an examiner's statement of reasons for allowance: allowance of claims 21-23 and 25 is indicated because as noted, while the patent to Fouts, Jr. et al discloses a conductive polymer composition exhibits a volume resistivity of less than 10<sup>-3</sup> ohm-cm at 25 °C, the prior art of record does not show or fairly suggest the claims as amended directed to such a combination having the particular resistivity at 25 °C and the transverse conductive element having metal recited in the manner according to claim 21, such transverse conductive element arrangement as recited in claim 23, the particular resistance and dimension as recited in claim 22 and the apertures defined in the manner recited in claim 25.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Ba Hoang whose telephone number is (571) 272-4780. The examiner can normally be reached on Mon-Thu from 6:00AM to 6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Elvin Enad can be reached on (571) 272-1990. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tu Bá Hoang Primary Examiner Art Unit 2832

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